

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
 Data File : BG050049.D
 Acq On : 31 Aug 2021 4:04
 Operator : CG/JU
 Sample : M3448-19
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBKG4

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Title : SVOA CALIBRATION

Signal : TIC: BG050049.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.187	23	25	27	rBV3	1787	1488	0.19%	0.017%
2	3.310	43	46	51	rBV5	5544	9561	1.19%	0.111%
3	3.381	56	58	61	rVV4	1646	1752	0.22%	0.020%
4	3.757	119	122	133	rBV	17308	35510	4.43%	0.412%
5	3.986	159	161	166	rVB4	2903	3315	0.41%	0.038%
6	5.014	334	336	339	rBV2	1701	1777	0.22%	0.021%
7	5.196	363	367	368	rBV2	1143	1425	0.18%	0.017%
8	5.219	368	371	373	rBV	1433	1367	0.17%	0.016%
9	5.589	432	434	436	rBV2	1397	1499	0.19%	0.017%
10	5.678	446	449	452	rBV	1032	1359	0.17%	0.016%
11	5.724	455	457	463	rVB3	1517	1900	0.24%	0.022%
12	5.942	490	494	497	rVB3	1309	2042	0.25%	0.024%
13	6.999	671	674	678	rBV2	1116	1743	0.22%	0.020%
14	7.140	692	698	707	rVB	35892	67464	8.41%	0.783%
15	7.281	712	722	729	rBV	84216	147621	18.40%	1.713%
16	7.399	741	742	747	rBV3	1393	1532	0.19%	0.018%
17	7.499	752	759	768	rBV	109991	194162	24.20%	2.254%
18	7.634	780	782	785	rBV2	1402	1618	0.20%	0.019%
19	7.904	823	828	830	rBV2	1123	1504	0.19%	0.017%
20	7.963	830	838	848	rBV	108327	179219	22.34%	2.080%
21	8.333	897	901	906	rBV4	7391	11390	1.42%	0.132%
22	8.462	921	923	926	rBV2	1752	1685	0.21%	0.020%
23	8.685	954	961	973	rBV2	96414	178173	22.21%	2.068%
24	9.138	1031	1038	1050	rBV	131113	241109	30.06%	2.799%
25	9.519	1102	1103	1107	rVB2	1882	1541	0.19%	0.018%
26	9.860	1154	1161	1169	rBV	122770	216383	26.97%	2.512%
27	10.025	1185	1189	1192	rBV2	2110	2816	0.35%	0.033%
28	10.171	1210	1214	1220	rVB2	3432	5604	0.70%	0.065%
29	10.418	1248	1256	1266	rBV	166491	304129	37.91%	3.530%
30	10.547	1272	1278	1285	rBV4	9642	19852	2.47%	0.230%
31	10.653	1293	1296	1298	rBV	1429	1453	0.18%	0.017%
32	10.782	1311	1318	1325	rBV	145233	256480	31.97%	2.977%
33	10.923	1335	1342	1351	rBV	103517	198111	24.70%	2.299%
34	11.023	1358	1359	1362	rVB2	1662	1483	0.18%	0.017%
35	11.194	1387	1388	1394	rVB3	1333	1543	0.19%	0.018%
36	12.339	1580	1583	1584	rBV	2151	2101	0.26%	0.024%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Title : SVOA CALIBRATION

37	12.639	1631	1634	1636	rBV2	1326	1849	0.23%	0.021%
38	12.968	1687	1690	1694	rVB	976	1471	0.18%	0.017%
39	13.003	1694	1696	1701	rBV2	961	1405	0.18%	0.016%
40	13.220	1732	1733	1737	rVB2	1751	1590	0.20%	0.018%
41	13.502	1779	1781	1785	rVB2	1326	1607	0.20%	0.019%
42	13.573	1792	1793	1796	rBV	1321	1616	0.20%	0.019%
43	13.673	1809	1810	1815	rVB2	1943	1567	0.20%	0.018%
44	14.025	1864	1870	1881	rVV	363096	499506	62.27%	5.798%
45	14.137	1884	1889	1892	rVB	989	1865	0.23%	0.022%
46	14.184	1892	1897	1899	rBV2	2473	3948	0.49%	0.046%
47	14.213	1900	1902	1906	rVB2	2554	2299	0.29%	0.027%
48	14.319	1913	1920	1932	rBV	350961	556826	69.41%	6.463%
49	14.554	1955	1960	1962	rBV2	3293	3622	0.45%	0.042%
50	14.624	1966	1972	1978	rVV	235350	366316	45.66%	4.252%
51	14.689	1978	1983	1990	rVB	135576	210860	26.28%	2.447%
52	14.783	1998	1999	2004	rVB2	2606	2102	0.26%	0.024%
53	14.871	2009	2014	2022	rBV4	28407	58023	7.23%	0.673%
54	14.936	2024	2025	2032	rVV4	8637	9626	1.20%	0.112%
55	15.030	2036	2041	2046	rVV	14438	21838	2.72%	0.253%
56	15.359	2090	2097	2104	rBV	355368	517457	64.50%	6.006%
57	15.435	2108	2110	2113	rVV2	1818	1494	0.19%	0.017%
58	15.470	2113	2116	2119	rVB2	1454	1954	0.24%	0.023%
59	15.623	2135	2142	2148	rBV	465753	702008	87.51%	8.148%
60	15.676	2148	2151	2158	rVB2	39638	55769	6.95%	0.647%
61	15.758	2160	2165	2176	rBV	103966	163487	20.38%	1.898%
62	15.834	2176	2178	2186	rVV6	4436	8820	1.10%	0.102%
63	15.893	2186	2188	2190	rVV2	2267	2150	0.27%	0.025%
64	15.917	2190	2192	2196	rVB3	2549	3693	0.46%	0.043%
65	15.975	2198	2202	2206	rVB	7648	10503	1.31%	0.122%
66	16.110	2220	2225	2235	rVB2	5431	12575	1.57%	0.146%
67	16.187	2235	2238	2239	rBV2	2189	2456	0.31%	0.029%
68	16.275	2251	2253	2255	rBV2	2192	1616	0.20%	0.019%
69	16.304	2257	2258	2260	rVV	2026	1676	0.21%	0.019%
70	16.328	2260	2262	2263	rVV	2636	1974	0.25%	0.023%
71	16.357	2263	2267	2277	rVB3	19082	31463	3.92%	0.365%
72	16.475	2283	2287	2291	rBV4	6117	8343	1.04%	0.097%
73	16.533	2294	2297	2298	rBV2	3237	3107	0.39%	0.036%
74	16.610	2308	2310	2312	rBV	2064	1408	0.18%	0.016%
75	16.663	2317	2319	2320	rBV	2525	2360	0.29%	0.027%
76	16.721	2326	2329	2330	rBV2	1270	1516	0.19%	0.018%

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Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
 Title : SVOA CALIBRATION

77	16.751	2332	2334	2340	rVB3	3531	4995	0.62%	0.058%
78	16.792	2340	2341	2343	rBV	2143	1843	0.23%	0.021%
79	16.827	2345	2347	2352	rVV4	2206	3823	0.48%	0.044%
80	16.997	2373	2376	2379	rVB2	1962	2381	0.30%	0.028%
81	17.039	2379	2383	2385	rBV3	3384	3791	0.47%	0.044%
82	17.109	2393	2395	2400	rVB3	2512	4128	0.51%	0.048%
83	17.180	2402	2407	2409	rBV3	5345	6988	0.87%	0.081%
84	17.262	2419	2421	2422	rVV2	2640	1721	0.21%	0.020%
85	17.279	2422	2424	2425	rVV	2104	1769	0.22%	0.021%
86	17.332	2431	2433	2436	rBV3	3958	5034	0.63%	0.058%
87	17.379	2436	2441	2447	rVV	271035	411298	51.27%	4.774%
88	17.479	2451	2458	2465	rVV2	511516	784654	97.81%	9.107%
89	17.544	2467	2469	2471	rBV2	2921	2295	0.29%	0.027%
90	17.785	2506	2510	2518	rVB2	19242	33720	4.20%	0.391%
91	17.843	2518	2520	2521	rBV2	3693	3042	0.38%	0.035%
92	18.037	2548	2553	2558	rVB8	8675	14908	1.86%	0.173%
93	18.143	2569	2571	2574	rVB3	5608	5582	0.70%	0.065%
94	18.219	2582	2584	2589	rVB5	5234	6321	0.79%	0.073%
95	18.307	2596	2599	2602	rVB3	6871	6126	0.76%	0.071%
96	18.366	2607	2609	2610	rBV2	4930	4295	0.54%	0.050%
97	18.695	2663	2665	2667	rBV3	5770	5610	0.70%	0.065%
98	19.770	2843	2848	2857	rVB	530037	802222	100.00%	9.311%
99	21.656	3164	3169	3175	rVB2	226525	358447	44.68%	4.160%
100	24.669	3675	3682	3693	rVB2	280480	755033	94.12%	8.764%

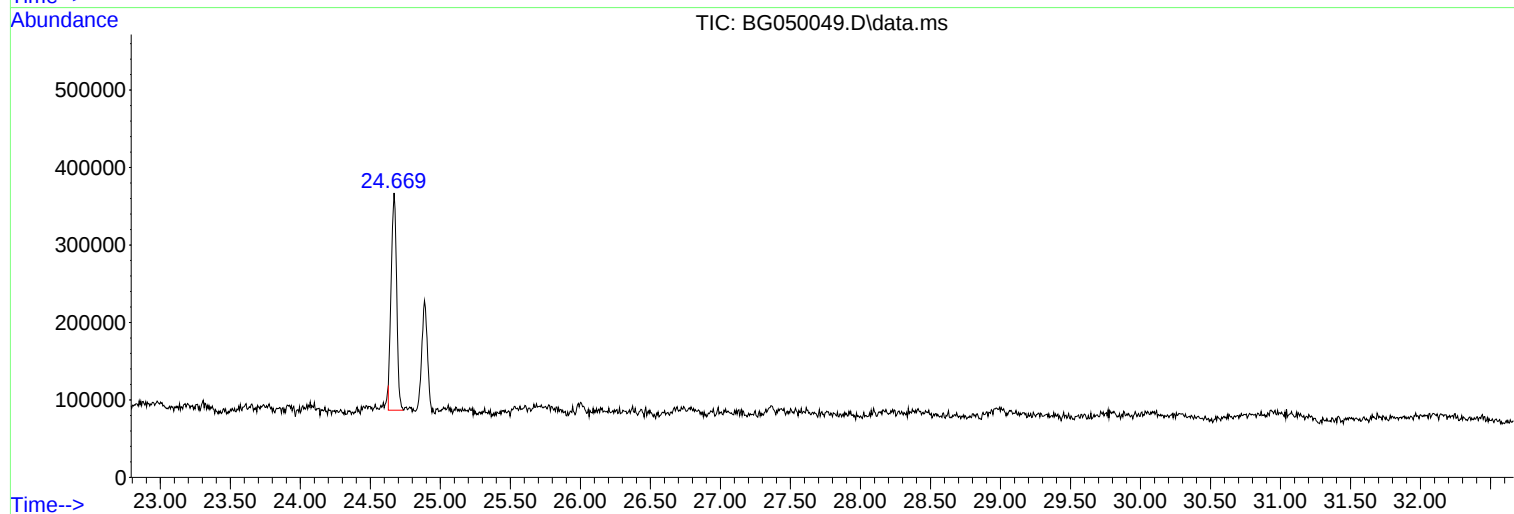
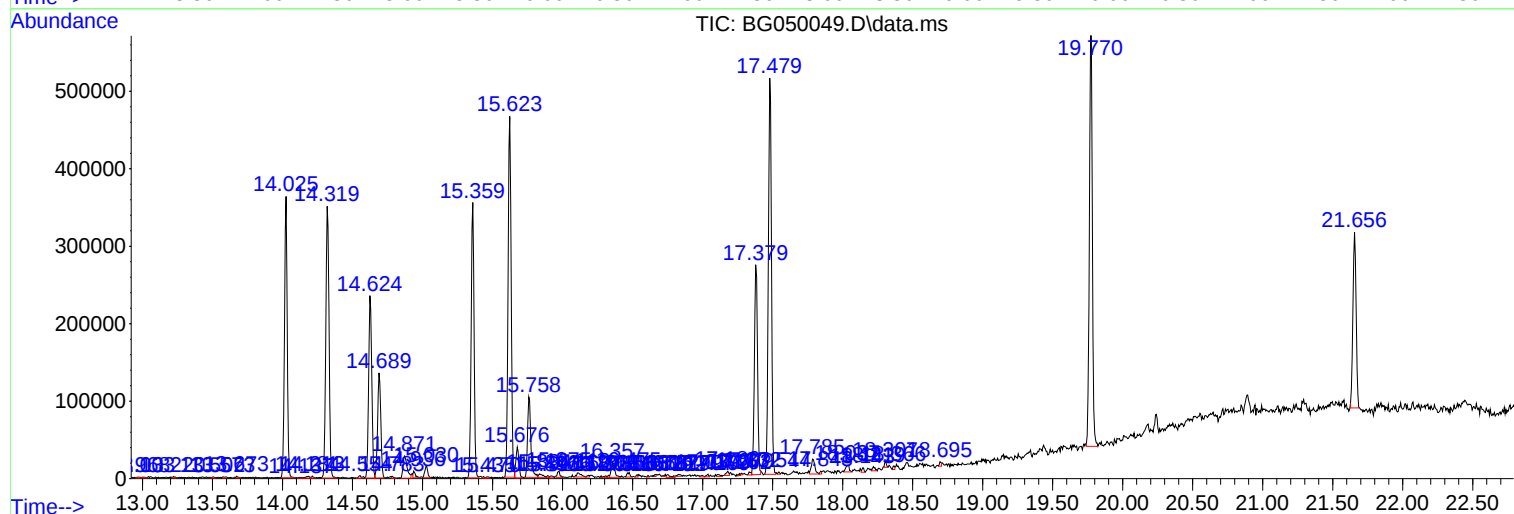
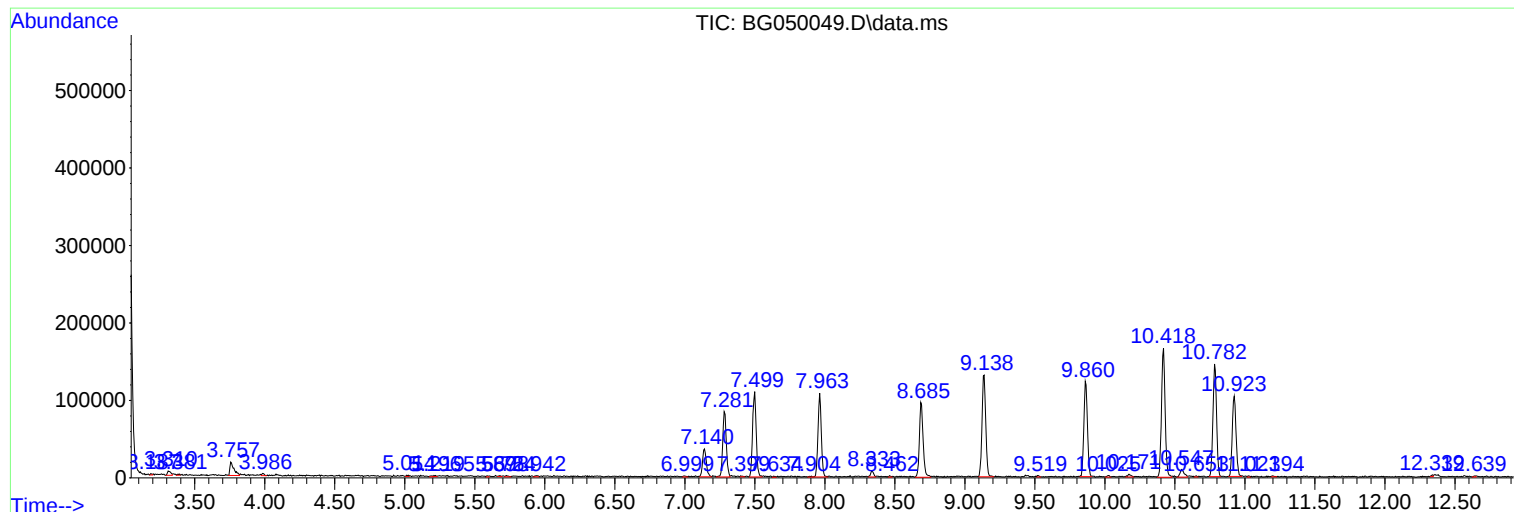
Sum of corrected areas: 8615502

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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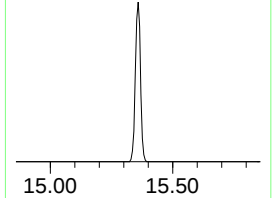
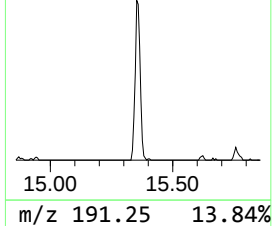
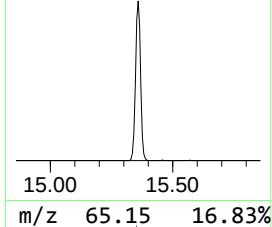
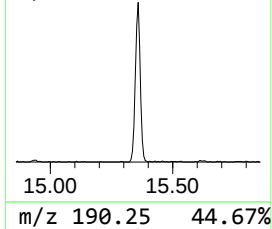
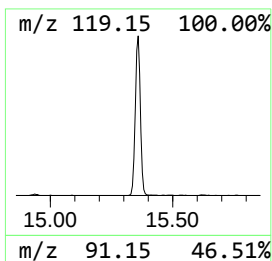
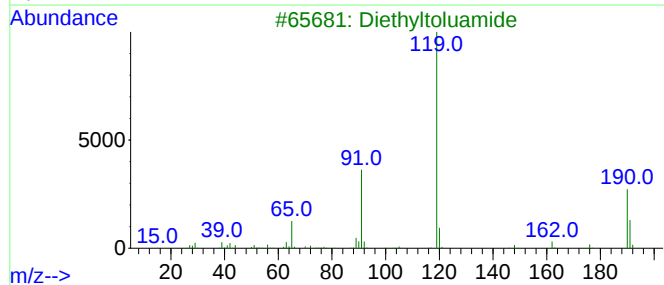
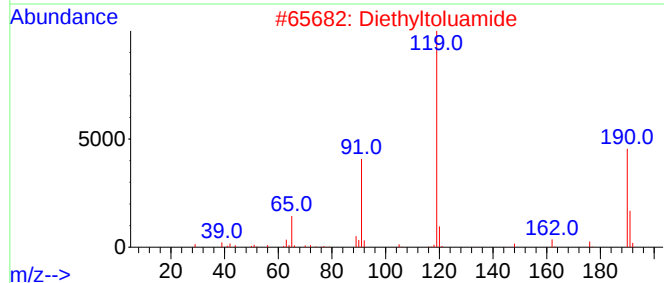
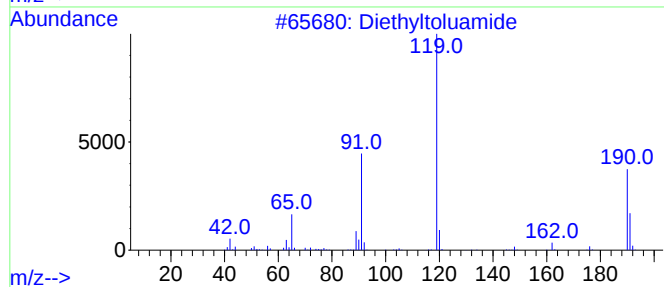
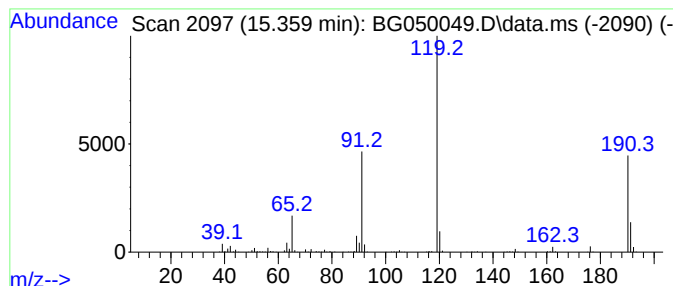
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Diethyltoluamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.358	28.25 ng/ul	517457	Acenaphthene-d10	14.624

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Diethyltoluamide	191	C12H17NO	000134-62-3	95
2			Diethyltoluamide	191	C12H17NO	000134-62-3	94
3			Diethyltoluamide	191	C12H17NO	000134-62-3	91
4			Benzamide, 3-methyl-N-methyl-N-p...	191	C12H17NO	1000421-46-2	81
5			Benzamide, 3-methyl-N-butyl-	191	C12H17NO	1000407-41-1	76



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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Diethyltoluamide	15.358	28.3	ng/u1	517457	3	14.624	366316	20.0